SEQUENCE LISTING

<110> BioInside GmbH

<120> A method of detecting microorganisms in products

<130> PCT/DE99/01471

<140> PCT/DE99/01471
<141> 1999-05-10

<150> DE 198 22 108.8
<151> 1998-05-12

<160> 55

<170> PatentIn Ver. 2.1

<210> 1
<211> 214
<212> DNA
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<220>
<223> Description of Artificial Sequence:
      primer-sonde-primer

<400> 1
agatgcacgt actgctgaaa tgagtaagct aatggaaaac acatatagag acgtgaatat 60
tgctttagct aatgaattaa caaaaatttg caataactta aatattaatg tattagttgt 120
gattgaaatg gcaaacaaac atccgcgtgt taatatccat caacctggtc caggagtagg 180
cggtcattgt ttagctgttg atccgtactt tatt 214

<210> 2
<211> 310
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
      primer-sonde-primer

<400> 2
caggccttcg atgccctgag cggtattcag gcaccggcgc ccaacgccga agaactccag 60
catttctgcc aattgctgct ggactatgta tctgccggac acttcgaggt ctacgagcaa 120
ctgacggcgg aaggcaaggc cttcggcgat cagcgcggcc tggagctggc caagcagatc 180
ttcccccggc tggaagccat caccgaatcc gcgctgaact tcaacgaccg ctgcgacaac 240
ggcgattgcc gtgaaggagc ctgcctcatc gcggagctga aggtcctgcg gcaacagttg 300
cacgaacgct 310

<210> 3
<211> 222
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
       primer-sonde-primer

<400> 3
aaagtagaac gtaatggttc tgtgcatatt gatgcccgcg acgttaatgt attctgcgca 60
ccttacgatc tggttaaaac catgcgtgct tctatctggg cgctggggcc gctggtagcg 120
cgctttggtc aggggcaagt ttcactacct ggcggttgta cgatcggtgc gcgtccggtt 180
gatctacaca tttctggcct cgaacaatta ggcgcgacca tc   222

<210> 4
<211> 310
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
       primer-sonde-primer

<400> 4
tgattgaagc cgatgccggt gaaattatcg ccacgttcgg gcaattcgtt attggcgata 60
gcctggcggt gggttttgtt gtcttctcta ttgtcaccgt ggtccagttt atcgttatta 120
ccaaaggttc agaacgtgtc gcggaagtcg cggcccgatt ttctctggat ggtatgcccg 180
gtaaacagat gagtattgat gccgatttga aggccggtat tattgatgcg gatgccgcgc 240
gcgaacggcg aagcgtactg gaaagggaaa gccagcttta cggttccttt gacggtgcga 300
tgaagtttat   310

<210> 5
<211> 356
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:
       primer-sonde-primer

<400> 5
gcatggctgt cgtcagctcg tgttgtgaaa tgttgggtta agtcccgcaa cgagcgcaac 60
ccttatcctt tgttgccagc ggtccggccg ggaactcaaa ggagactgcc agtgataaac 120
tggaggaagg tggggatgac gtcaagtcat catggccctt acgaccaggg ctacacacgt 180
gctacaatgg cgcatacaaa gagaagcgac ctcgcgagag caagcggacc tcataaagtg 240
cgtcgtagtc cggattggag tctgcaactc gactccatga agtcggaatc gctagtaatc 300
gtggatcaga atgccacggt gaatacgttc ccgggccttg tacacaccgc ccgtca   356

<210> 6
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer cap-8
       forward #15297*

<400> 6

agatgcacgt actgctgaaa tgag   24

<210> 7
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde
      cap-8#15460*

<400> 7
cctggtccag gagtaggcgg   20

<210> 8
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer cap-8
      reverse#15485

<400> 8
gtttagctgt tgatccgtac tttatt   26

<210> 9
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer algQ
      forward#876*

<400> 9
cttcgatgcc ctgagcggta ttc   23

<210> 10
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde algQ#911

<400> 10
ccaacgccga agaactccag catttc   26

<210> 11
<211> 23
<212> DNA

<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer
      sequence (#1147)

<400> 11
ctgaaggtcc tgcggcaaca gtt   23

<210> 12
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer
      sequence (#767*)

<400> 12
gttctgtgca tattgatgcc cgcg   24

<210> 13
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde (#802)

<400> 13
tctgcgcacc ttacgatctg gtt   23

<210> 14
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer
      sequence (#884)

<400> 14
gcaagtttca ctacctggcg gttg   24

<210> 15
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer
      sequence (#269*)

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<400> 15
gtgaaattat cgccacgttc gggc                                              24


<210> 16
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde (#333)

<400> 16
cttctctatt gtcaccgtgg tcca                                              24


<210> 17
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer
      sequence (#542)

<400> 17
ggttcctttg acggtgcgat gaag                                              24


<210> 18
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer 16SrRNA
      forward #1053*

<400> 18
gcatggctgt cgtcagctc                                                    19


<210> 19
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde 16SrRNA
      #1090

<400> 19
ttaagtcccg caacgagcgc aac                                               23


<210> 20
<211> 20
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<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer 16SrRNA
      reverse #1386*

<400> 20
tgacgggcgg tgtgtacaag   20

<210> 21
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde

<400> 21
tttgttattg gcgatagcct ggc   23

<210> 22
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde

<400> 22
ttctctggat ggtatgcccg gta   23

<210> 23
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer

<400> 23
cattgtttag ctgttgatcc gtact   25

<210> 24
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 24
gcacgtactg ctgaaatgag taag   24

<210> 25
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 25
caggccttcg atgccctgag c   21

<210> 26
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 26
gctgaaggtc ctgcggcaac ag   22

<210> 27
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
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<400> 27
tagaacgtaa tggttctgtg cat   23

<210> 28
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 28
ctggcctcga acaattaggc gcg   23

<210> 29
<211> 20
<212> DNA
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<220>
<223> Description of Artificial Sequence: primer

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<211> 23
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<400> 39
atgaagctgc taagccagct ggg                                              23


<210> 40
<211> 25
<212> DNA
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<220>
<223> Description of Artificial Sequence: primer

<400> 40
ttgaagccga tgccggtgaa attat                                            25


<210> 41
<211> 24
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde

<400> 41
tttgttgtct tctctattgt cacc                                             24


<210> 42
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 42
aagtcgtaac aaggtaacca                                                  20


<210> 43
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 43
ggattagata ccctggtagt c                                                21
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<210> 44
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer
      (#1053)

<400> 44
gcatggctgt cgtcagctc                                            19


<210> 45
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer
      (#1270)

<400> 45
tttatgaggt ccgcttgctc                                           20


<210> 46
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde (#1090)

<400> 46
ttaagtcccg caacgagcgc aac                                       23


<210> 47
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: forward primer
      #1053

<400> 47
gcatggctgt cgtcagctc                                            19


<210> 48
<211> 23
<212> DNA
<213> Artificial Sequence
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<220>
<223> Description of Artificial Sequence: sonde

<400> 34
caattgctgc tggactatgt atctg                                    25


<210> 35
<211> 25
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 35
caacgccgaa gaactccagc atttc                                    25


<210> 36
<211> 27
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde

<400> 36
aacgccgaag aactccagca tttctgc                                  27


<210> 37
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 37
catttctggc ctcgaacaat ta                                       22


<210> 38
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde

<400> 38
ccgctggtag cgcgttttgg tca                                      23


<210> 39
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<400> 29
tgcatggctg tcgtcagctc                                          20


<210> 30
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde

<400> 30
ttgggttaag tcccgcaacg agc                                      23


<210> 31
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 31
atgcacgtac tgctgaaatg ag                                       22


<210> 32
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: sonde

<400> 32
aacacatata gagacgtgaa tattgc                                   26


<210> 33
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: primer

<400> 33
gtttagctgt tgatccgtac tt                                       22


<210> 34
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<212> DNA
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<220>
<223> Description of Artificial Sequence: sonde #1090

<400> 48
ttaagtcccg caacgagcgc aac   23

<210> 49
<211> 19
<212> DNA
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<220>
<223> Description of Artificial Sequence: reverse primer
     #1270

<400> 49
tcgttcgcct ggagtattt   19

<210> 50
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
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<400> 50
gtgctgcatg gctgtcgtc   19

<210> 51
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
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<400> 51
agtcccgcaa cgagcgcaac cc   22

<210> 52
<211> 23
<212> DNA
<213> Artificial Sequence

<220>
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<400> 52
atgttgggtt aagtcccgca acg   23

<210> 53
<211> 19
<212> DNA
<213> Artificial Sequence

<220>
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<400> 53
gctgtcgtca gctcgtgtt   19

<210> 54
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
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<400> 54
aactttatga ggtccgcttg c   21

<210> 55
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: reverse primer

<400> 55
cttgtacaca ccgcccgtca   20